

ABSTRACT OF THE DISCLOSURE

A magneto-resistive head including: a soft-magnetic film arranged to be in contact with both end portions of the spin bulb film; and a permanent magnet film arranged so as to be in contact with the lower portion of the soft-magnetic film and not in contact with the free layer of the spin bulb film. With the structure in which the lower portion of the free layer of the spin bulb film is in direct contact with the end portion of the soft-magnetic film while the free layer of the spin bulb film is not in contact with the permanent magnet film, it is possible to provide a spin bulb element having a high reproduction sensitivity even when the track width is small, and a production method of the same.

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